



# Installation Instructions

## AFC Extension Cable Kits 6022855 & 6033962

This sheet provides instructions to install extension cables on Adaptive Force Control (AFC) systems where extra length is required. Kit 6022855 includes 20-in. (.5 m) cables, Kit 6033962 includes 60 in. (1.5 m) cables.

**NOTE:** The longer solenoid cables replace existing cables and must be installed into the wire harness with the 40-pin connector. A pin removal tool is included for this procedure.



**WARNING:** Remove AFC power fuse or disconnect truck positive battery terminal before working on AFC electrical components or connectors.

### Solenoid Cables

- 1 Disconnect the 40-pin main connector from the AFC controller by pulling back the protective boot and unscrewing the securing screw inside.
- 2 Replace one wire harness at a time. Use the pin removal tool and remove the two pins/wires of an existing solenoid wire harness from the 40-pin connector. Discard existing harnesses.
- 3 Install the corresponding longer solenoid wire harness through the boot and into the 40-pin connector as follows:
  - A) Push each pin/wire through the rubber gasket and into its corresponding hole in the connector until a distinct 'click' is felt.
  - B) Check that the pin/wire is secure and will not pull out with a slight tug. Double check that the wire is in the correct hole. NOTE: To remove an incorrectly installed pin/wire, use the pin removal tool as shown.
- 4 Install the solenoid connector to its corresponding solenoid. Double check that the connector is connected to the correct solenoid. Check labels and see schematic.

### Transducer, Display Cables

- 1 Replace one wire harness at a time. Disconnect the transducer wire harnesses at the connector and connect jumper cable 6022805 in between (all transducer jumper cables are the same). Remove and replace the complete display cable with the new longer cable.
- 2 Double check that the correct wire harness is connected to its corresponding transducer.

Part No. 6022875-R5

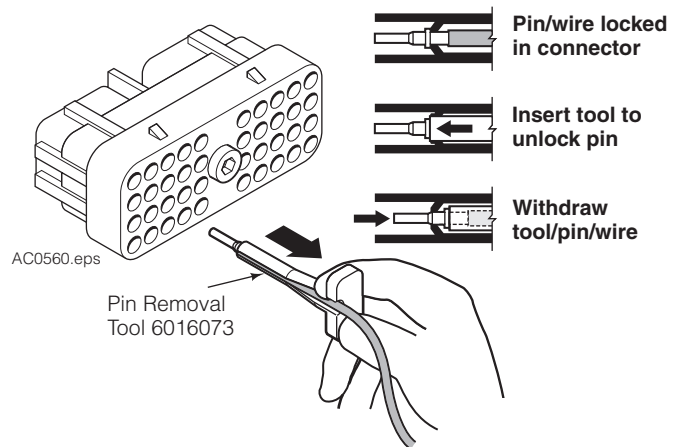
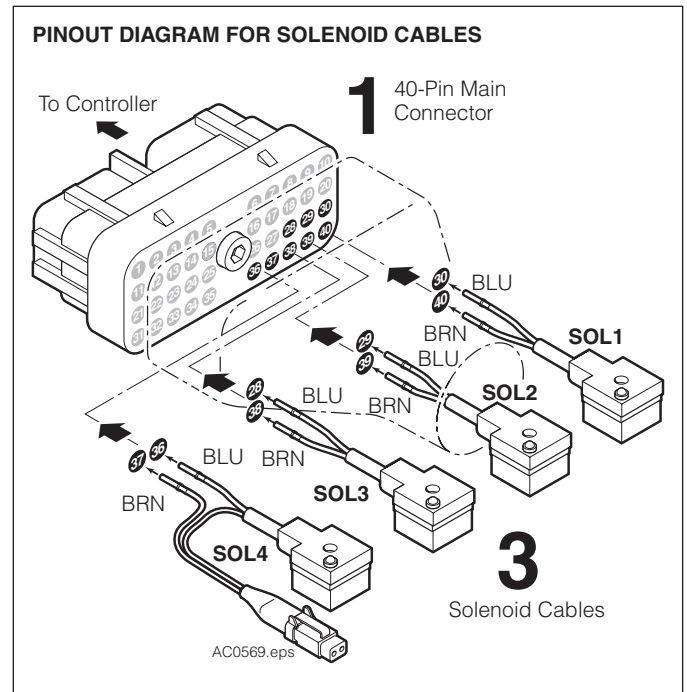
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#### To Order Parts . . .

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Internet: www.cascorp.com  
Write: Cascade Corporation, 2501 Sheridan Ave., Springfield, OH 45505



AFC Extension Cables				
REF	QTY	20 in. (.5 m) Extension PART NO.	60 in. (1.5 m) Extension PART NO.	DESCRIPTION
		6022855	6033962	Wire Extension Group
1	4	6022805	6033963	Wire Extension Jumper – Transducers 1, 2, 3, 4
2	3	6022856	6033964	Wire Harness Extension – Solenoids 2, 3, 4
3	1	6022869	6033965	Wire Harness Extension – Solenoid 1
4	1	6034286	6034127	Wire Harness Extension – Display
5	1	6036745	6036745	Wire Harness Extension – Laptop
6	1	6036073	6016073	Pin Removal Tool, 20-24 AWG

